

tion. Further, jamming may be burst-like transmitted once or repeatedly in order to avoid or at least limit the deterioration of services of other users due to increased level of interference. Typically, the duration of the jamming may be limited to the shortest possible one. In defining the duration of the jamming, limiting the risk of dropping calls or causing pauses to real-time services of other uses, such as showing video streams, may also be taken into consideration. On the other hand, the power level of jamming may also be adjusted according to current circumstances.

[0061] FIG. 5 shows a diagram illustrating a third example of a procedure according to exemplifying embodiments of the present invention. In FIG. 5, various implementation examples on the basis of the procedure of FIG. 3 are illustrated, wherein these implementation examples are inherently independent from each other so that one or more of these may be implemented/realized in a procedure according to exemplifying embodiments of the present invention. Any one of the thus illustrated implementation examples may also be combined with any one of the implementation examples illustrated in FIG. 4 in an arbitrary manner.

[0062] As an implementation example according to FIG. 5, a procedure according to exemplifying embodiments of the present invention comprises, in the context of LISA determination, an operation of managing a candidate set of (potential) LISAs which are applicable for the connection of the proximity service between the at least two devices, and an operation of selecting the at least one LISA from the managed candidate set of LISAs.

[0063] As another implementation example according to FIG. 5, a procedure according to exemplifying embodiments of the present invention comprises, in the context of LISA candidate set management, an operation of obtaining one or more radio measurement, detection and/or discovery results, or the like, and an operation of forming and/or updating the LISA candidate set based on the obtained results or the like.

[0064] In a first example, the results or the like may be obtained from the at least one device to be intercepted (i.e. a targeted UE) among the at least two devices of the targeted D2D connection, wherein the LISA candidate set comprises a set of suitable ones of local devices and local deployed network nodes. Based upon reported radio measurement, detection or discovery by the targeted D2D user(s) on-the-fly, the serving/controlling network may form a dynamic set of potential suitable LISA devices, and may then select and configure at least one of them to act as LISA for the targeted D2D users.

[0065] In a second example, the results or the like may be obtained from local deployed network nodes and/or local devices with LISA capabilities (i.e. potential LISAs) with regard to the at least one device to be intercepted (i.e. a targeted UE), wherein the LISA candidate set comprises a set of suitable ones of the deployed network nodes and/or local devices with LISA capabilities (i.e. these potential LISAs). Based upon reported radio measurement, detection or discovery by (semi-static) deployed or pre-selected LISA devices, the serving/controlling network may choose some suitable LISA device(s) to form the candidate set for the targeted UE/s. The deployed or pre-selected LISA devices may be configured to scan and report on D2D discovery periodically, or may be requested to detect and report only targeted D2D user(s) in an event-triggered manner.

[0066] In a third example, the above examples may be combined such that the results or the like may be obtained

from the at least one device to be intercepted (i.e. a targeted UE) among the at least two devices of the targeted D2D connection and from local deployed network nodes and/or local devices with LISA capabilities (i.e. potential LISAs) with regard to the at least one device to be intercepted (i.e. a targeted UE), wherein the LISA candidate set comprises a set of suitable ones of local deployed network nodes and/or local devices with LISA capabilities.

[0067] In view of the above, the first example may be preferable for a highly dynamic selection and configuration of LISA/s among any LISA-capable UE devices detected by the targeted UE on-the-fly under control of the controlling/controlling network. The second example may be preferable when LISA devices are preconfigured or preselected in the service area of interest (e.g. an interception area), such as a local access point, a small-cell eNB or local devices deployed beforehand. In this example, based on certain knowledge about the target UE's location and configuration, the controlling/controlling network may request one or several preselected LISA devices to detect and report about the targeted UE. The third example may be considered as an optimized hybrid approach combining the aforementioned benefits of the first and second examples.

[0068] Accordingly, in exemplifying embodiments of the present invention, suitable LISA or LISAs may be determined and selected from a candidate set corresponding to the targeted D2D by the serving/controlling network. Similarly, previously determined/selected LISA or LISAs may be released and/or re-/de-selected accordingly. Such determination/selection (including a release and re-/de-selection) may for example be based upon indicated radio measurement, detection or discovery contexts including location information of the targeted D2D users, local nodes or other LISA capable UE devices in proximity of the targeted D2D, connectivity, priority, security, network state, device status and channel condition of LISA candidates, or the like.

[0069] According to exemplifying embodiments of the present invention, a LISA, i.e. a device or network node capable of acting as a LISA, can also be configured to advertise its presence (possibly together with its LISA capability) to its surrounding environment. Such advertisement can be made explicitly or implicitly. Upon receipt thereof at a controlling network entity or device, the thus advertised presence (possibly together with its LISA capability) of a respective LISA can be used in the context of determining at least one LISA located within the proximity service range of at least one device to be intercepted among the at least two devices (i.e. LISA determination/selection) and/or in the context of determining availability of at least one LISA capable of performing a LISA in relation to a connection of a proximity service (i.e. LISA availability determination).

[0070] According to exemplifying embodiments of the present invention, a LISA, i.e. a device or network node capable of acting as a LISA, can also be configured to be operable in the context of admission control of a connection of a proximity service, i.e. in/for a control in relation to setting up or securing the connection of the proximity service. Namely, when a controlling network entity or a device among the at least two devices of the connection of the proximity service performs such control in relation to setting up or securing the connection of the proximity service, a LISA according to exemplifying embodiments of the present invention can be configured to provide for support in such context. More specifically, a LISA according to exemplifying embodi-